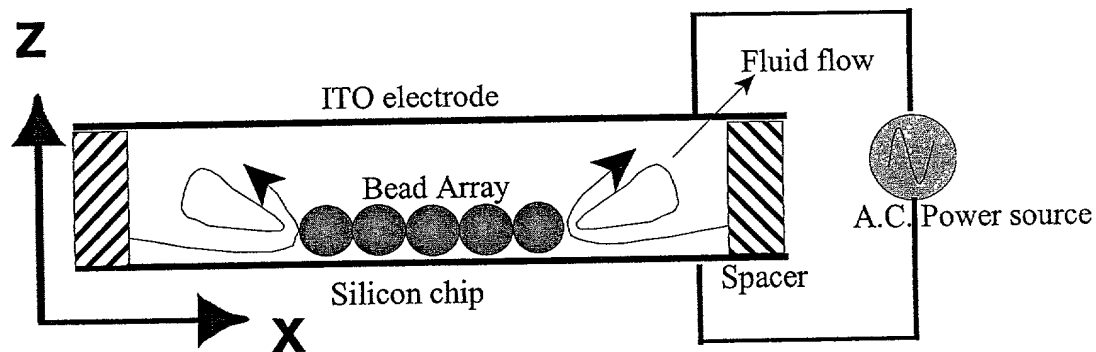


Fig. 1



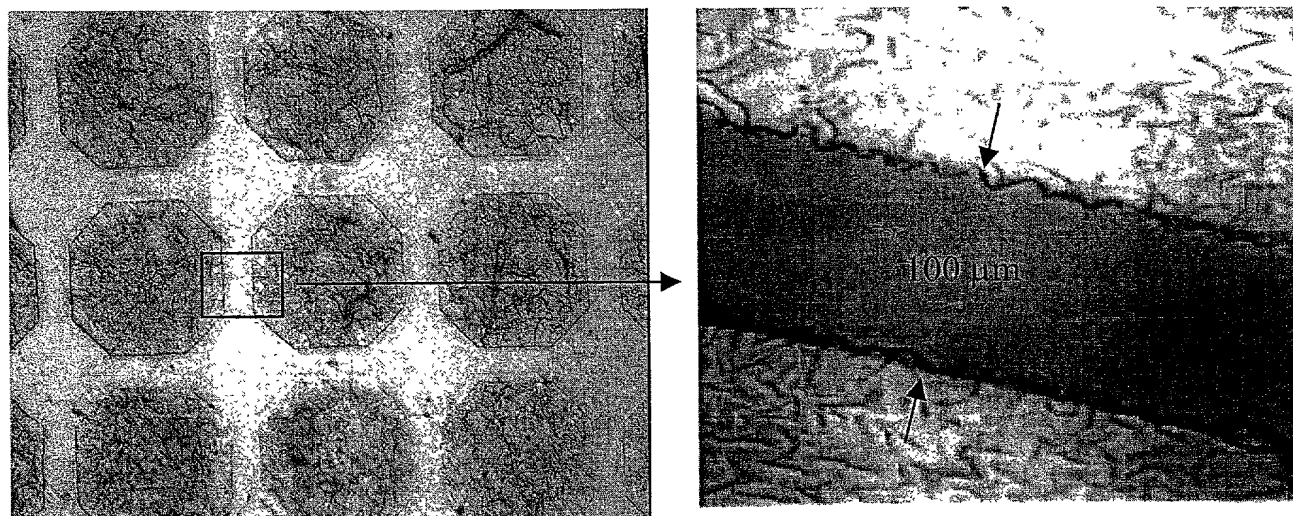


Fig. 2(a)

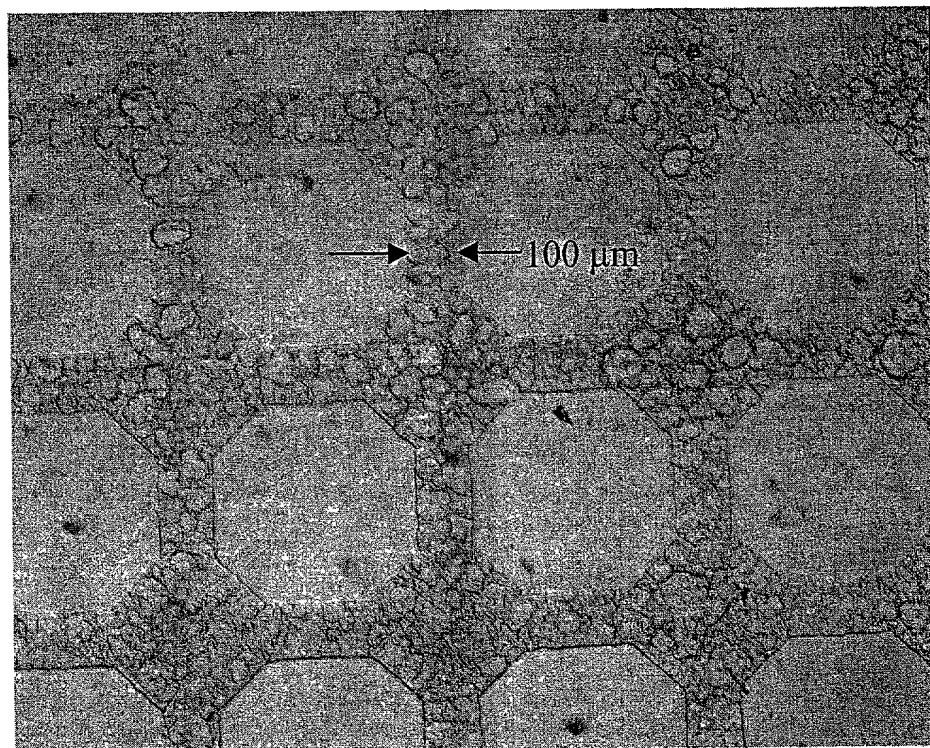


Fig. 2(b)

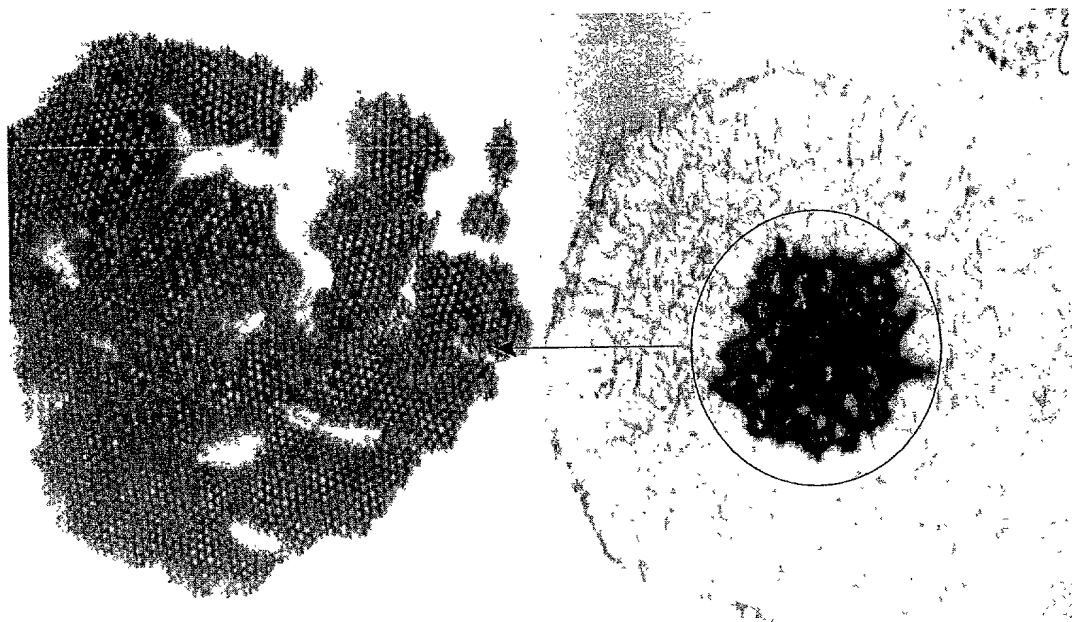


Fig. 3(a)

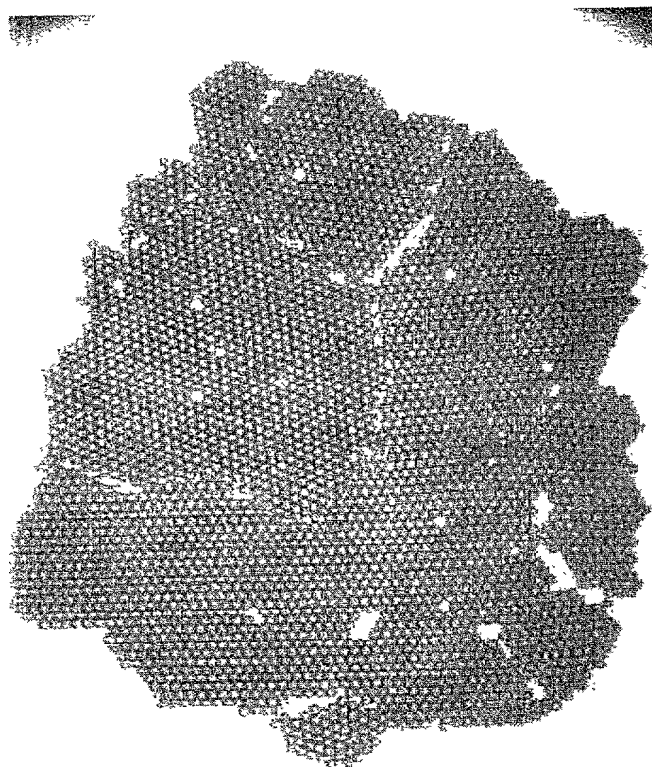


Fig. 3(b)

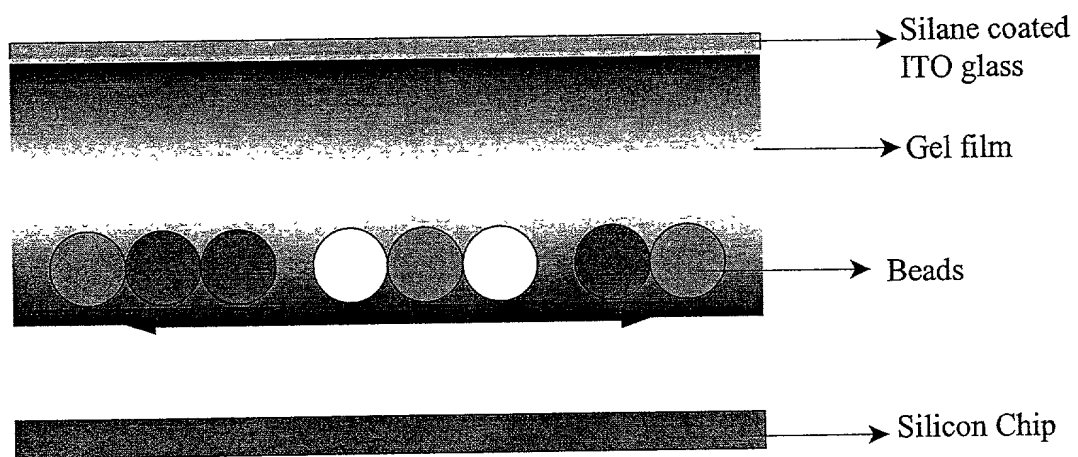
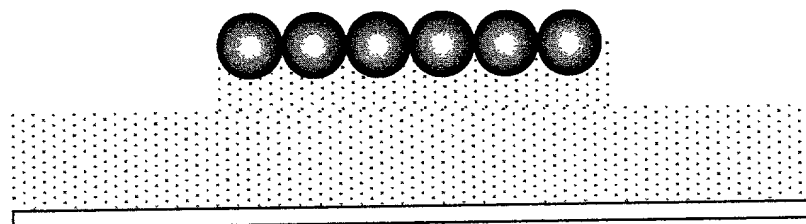
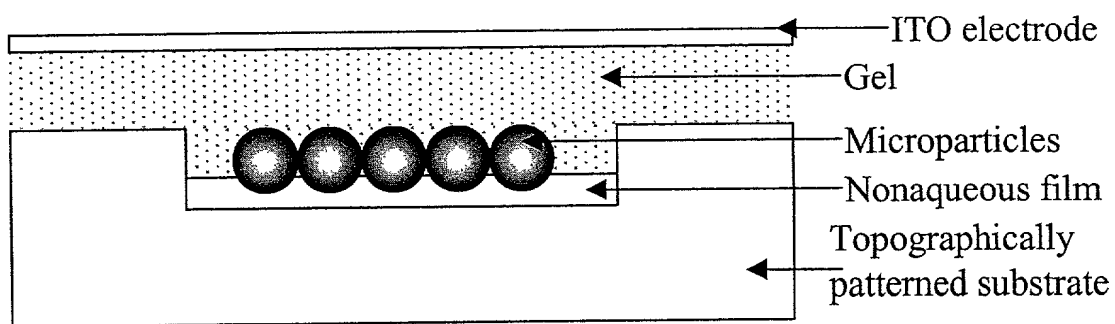


Fig. 4(a)



Flip gel with exposed microparticles

Fig. 4(b)

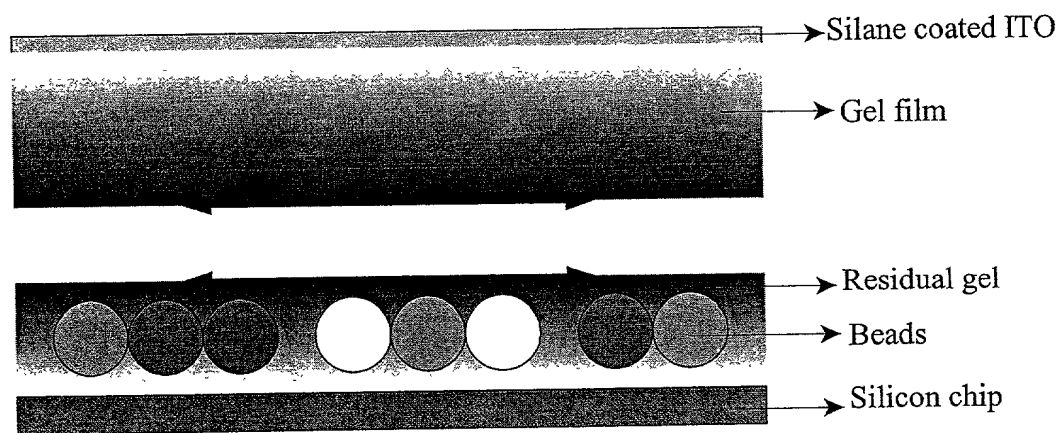


Fig. 5

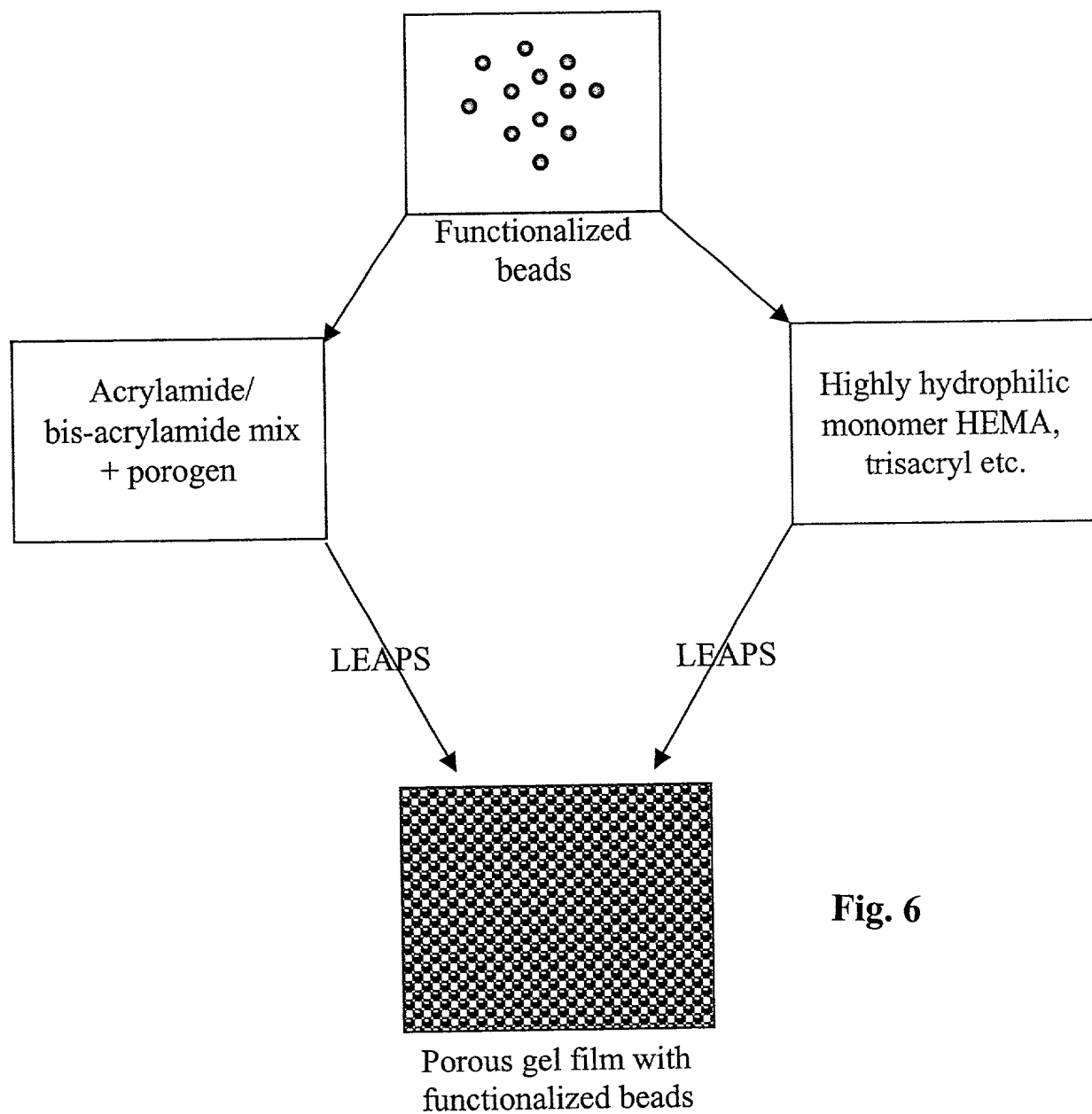


Fig. 6

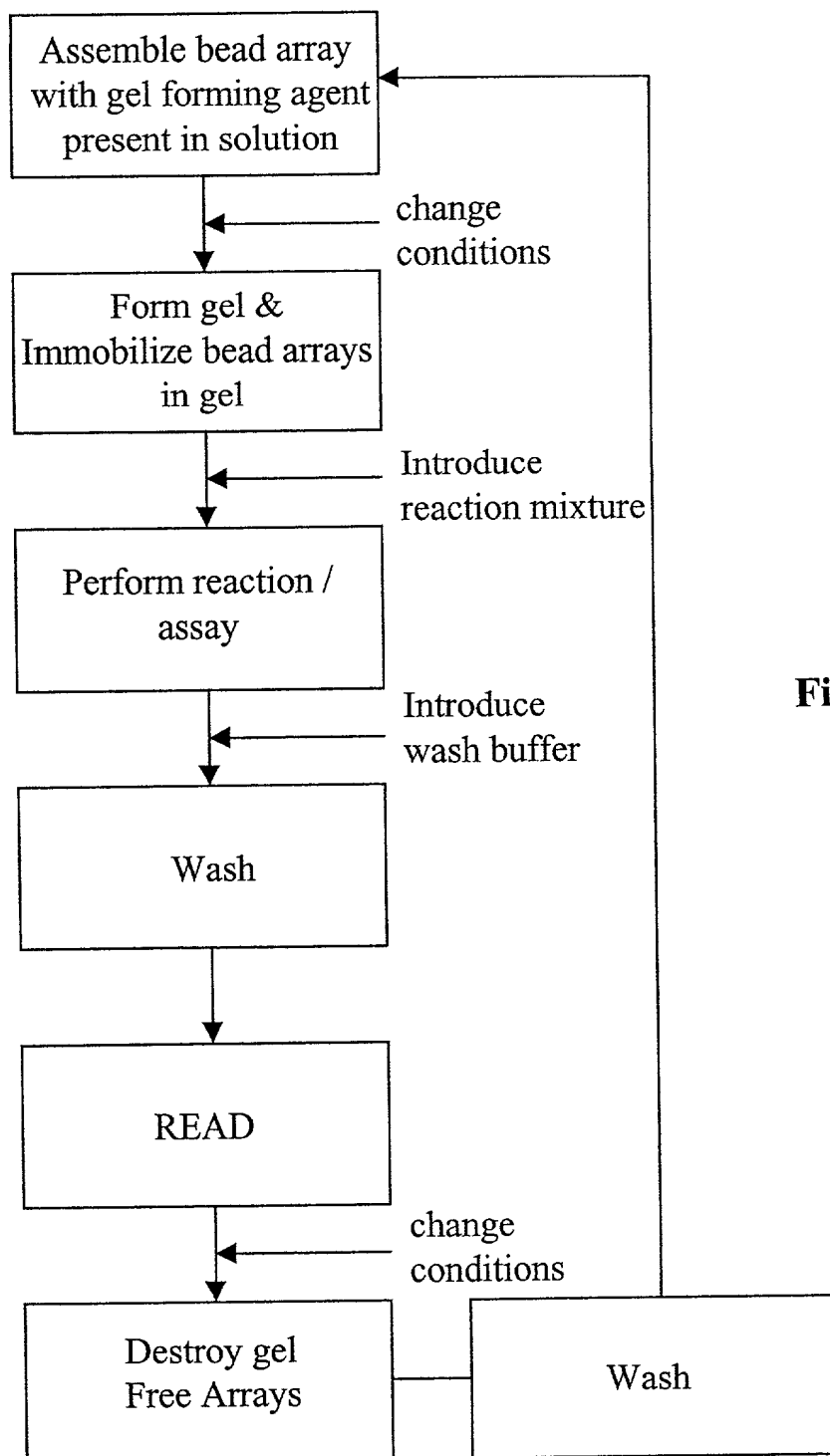


Fig. 7

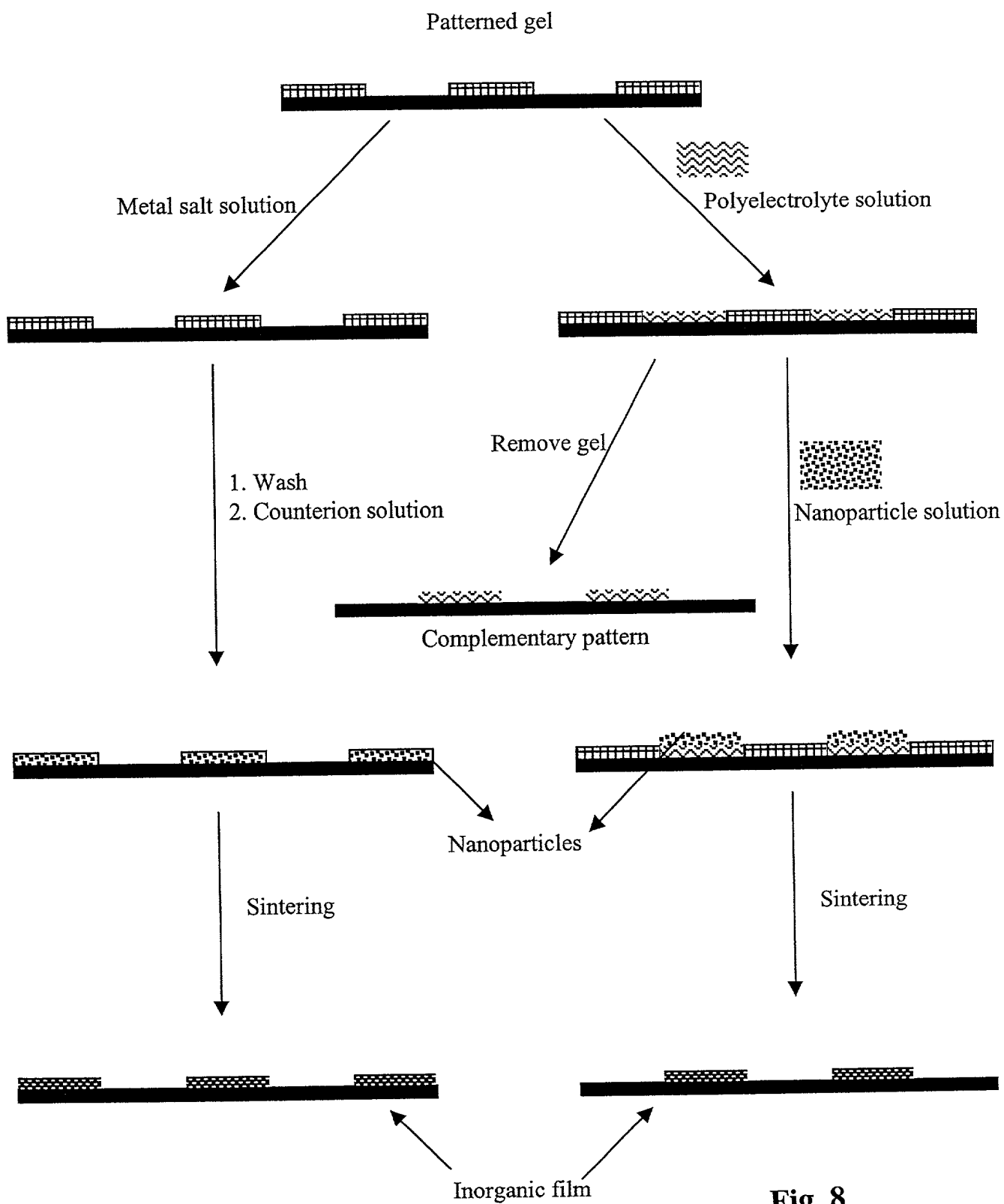


Fig. 8

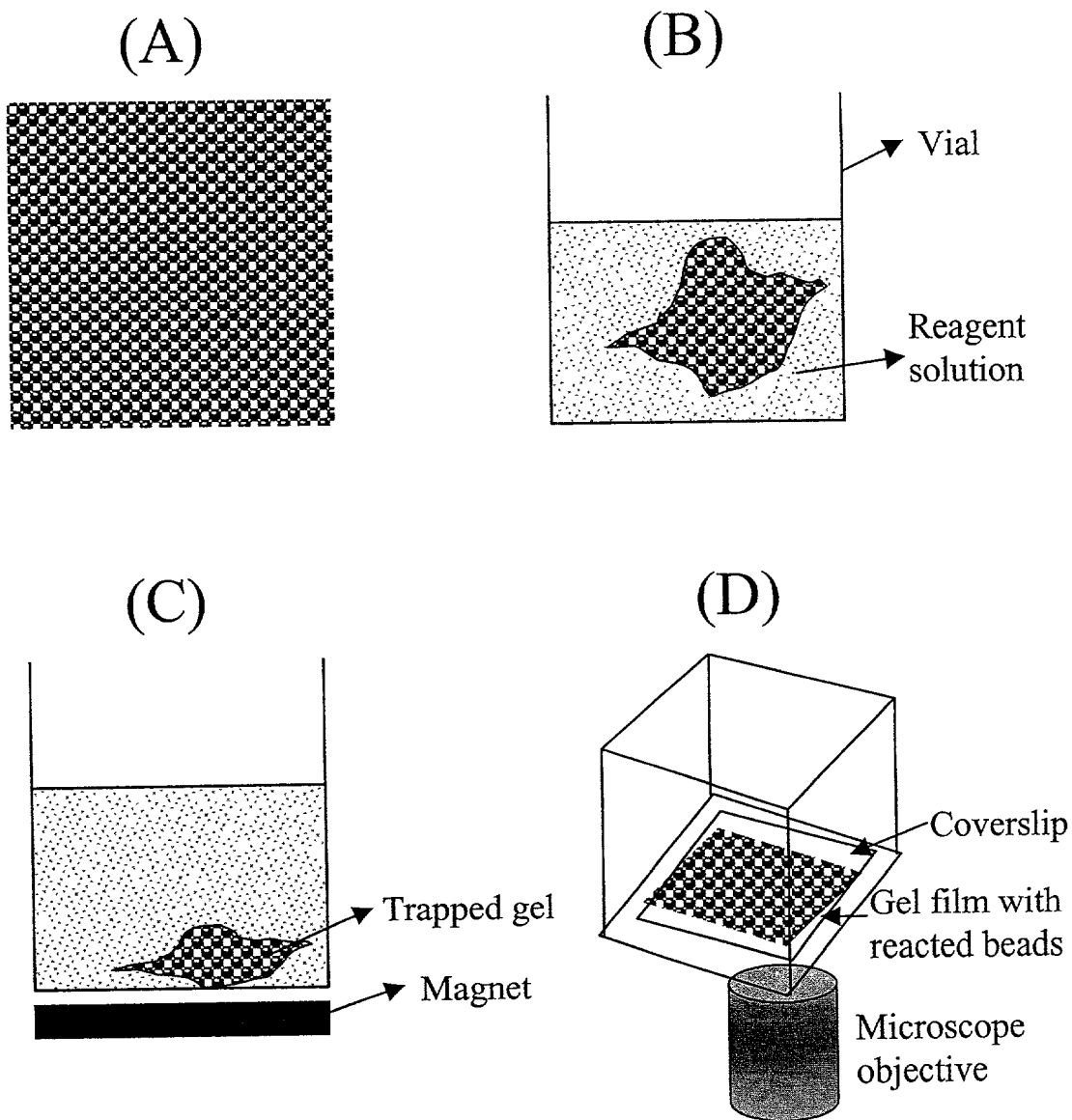
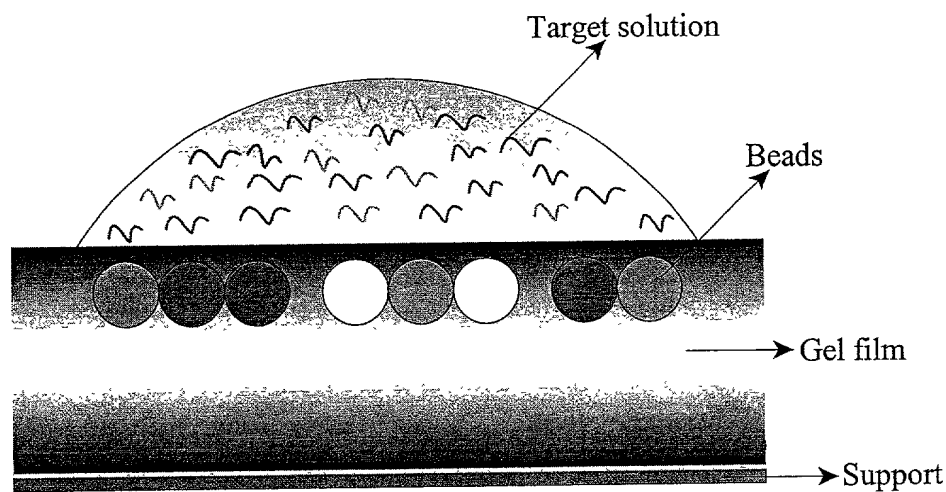


Fig. 9



Assay Format

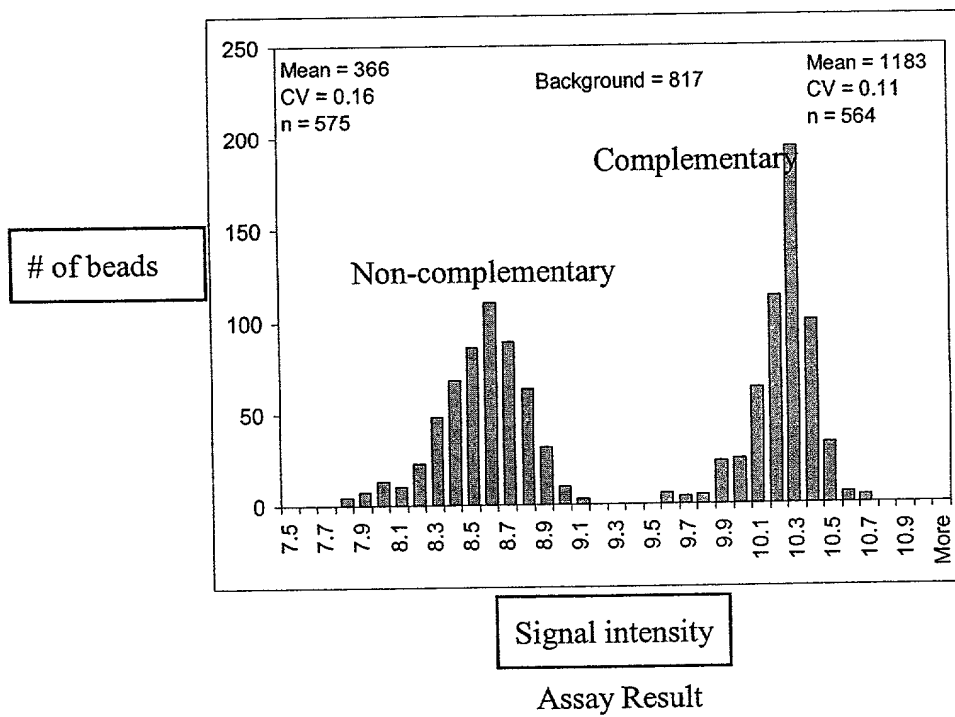


Fig. 10

Fig. 11

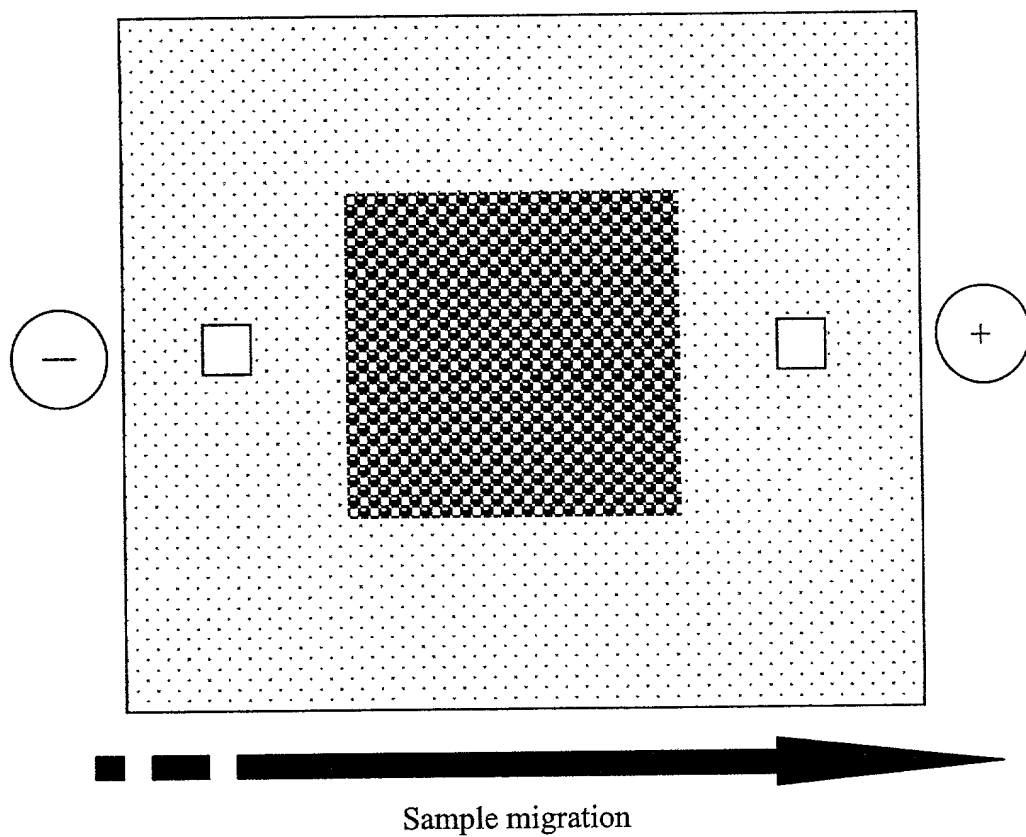
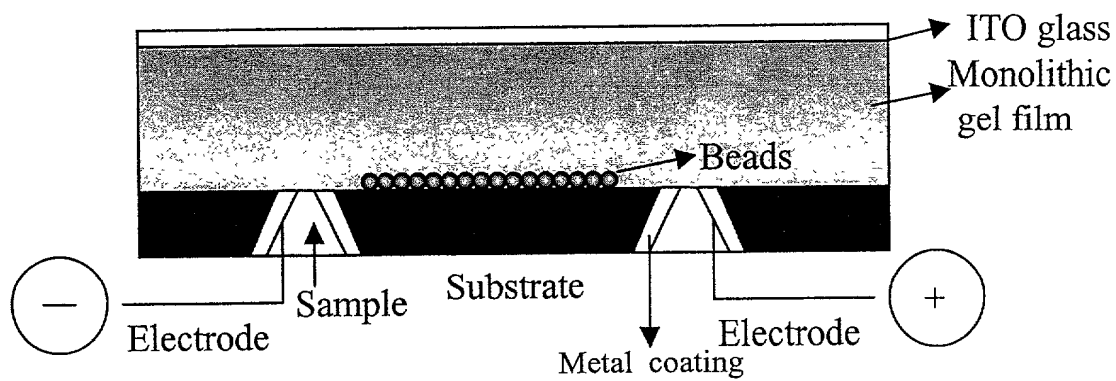
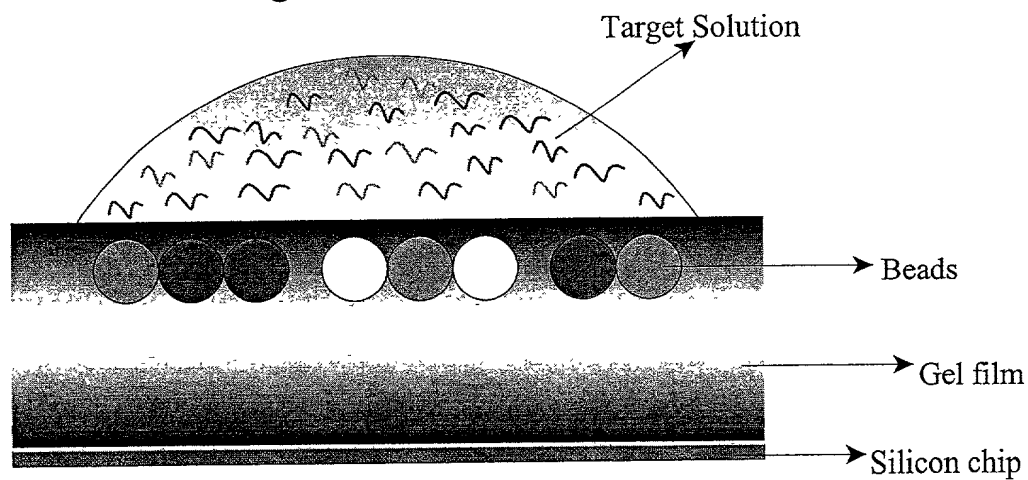
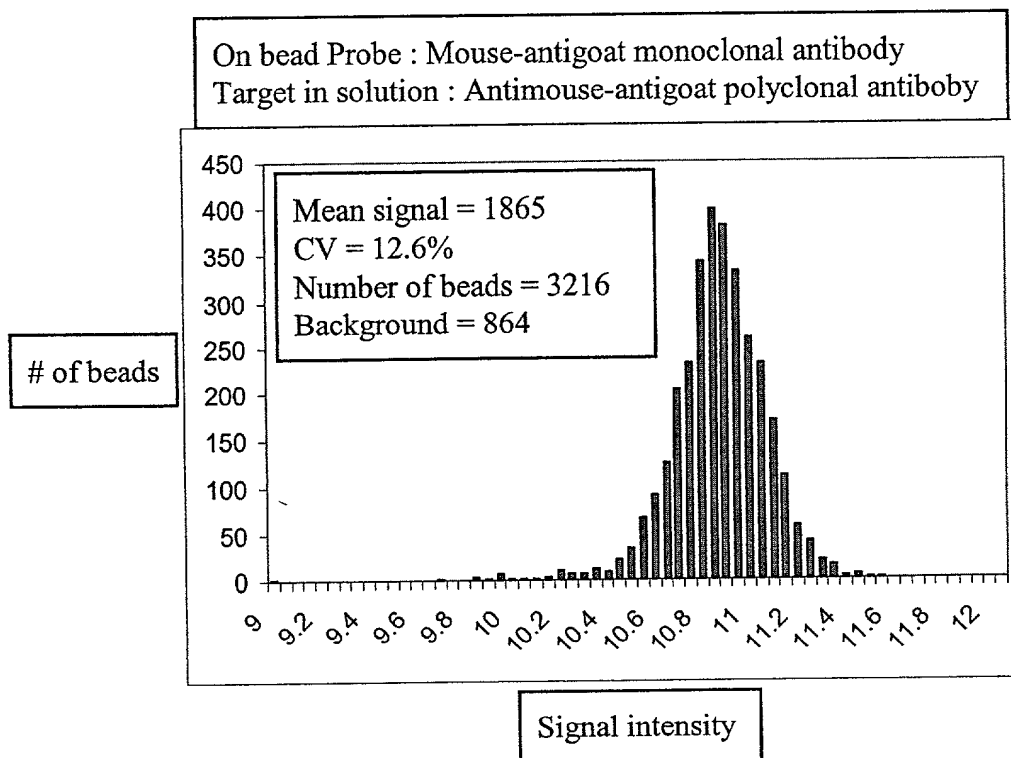


Fig. 12

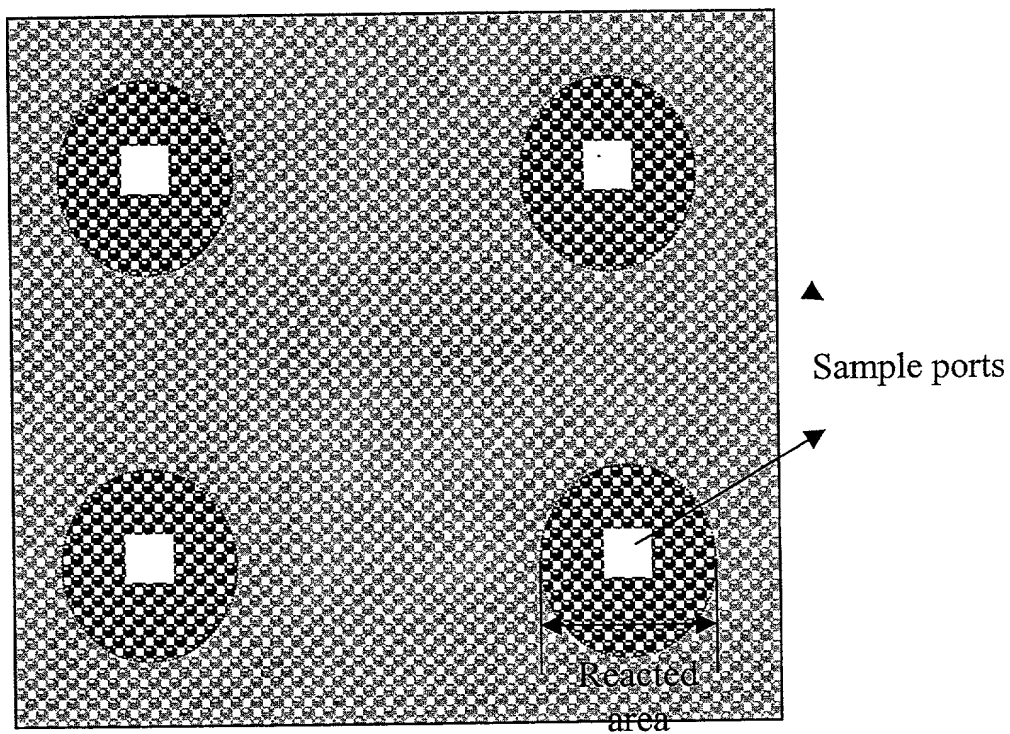
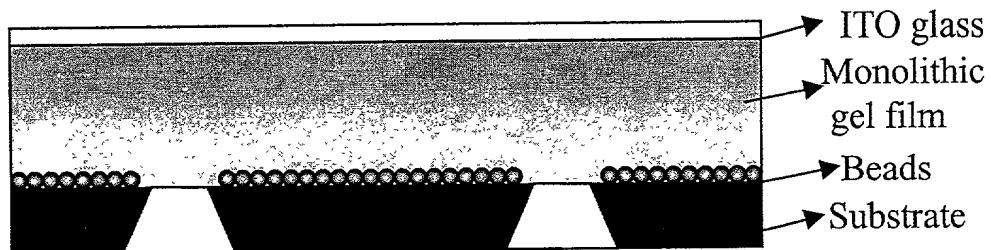


Assay Format



Assay result

Fig. 13



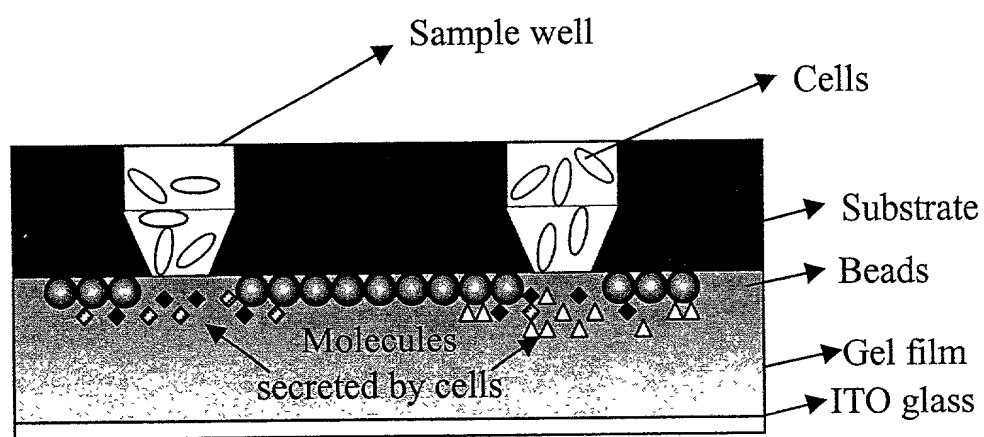


Fig. 14

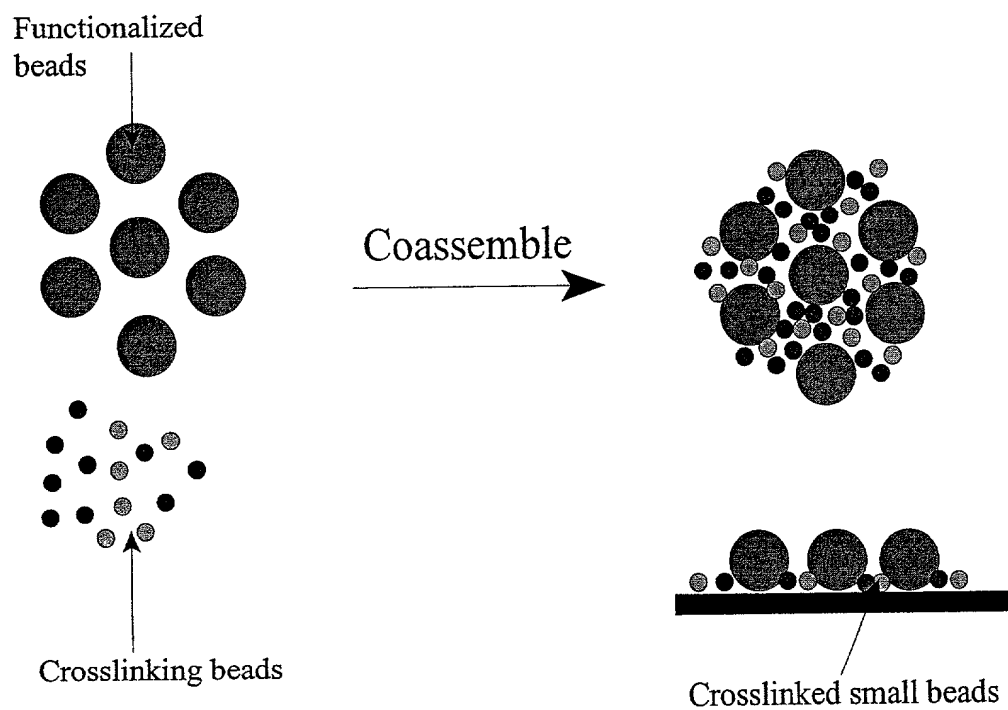


Fig. 15

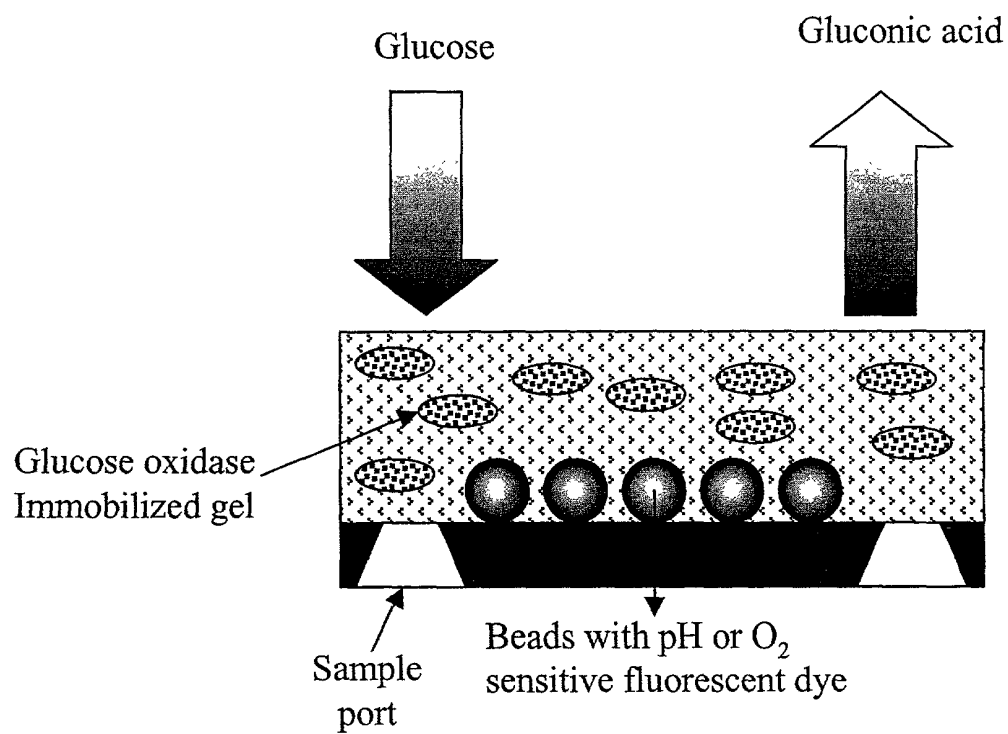


Fig. 16

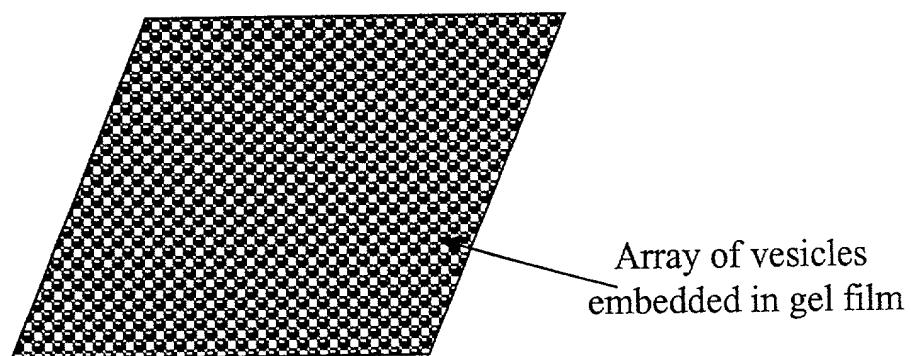
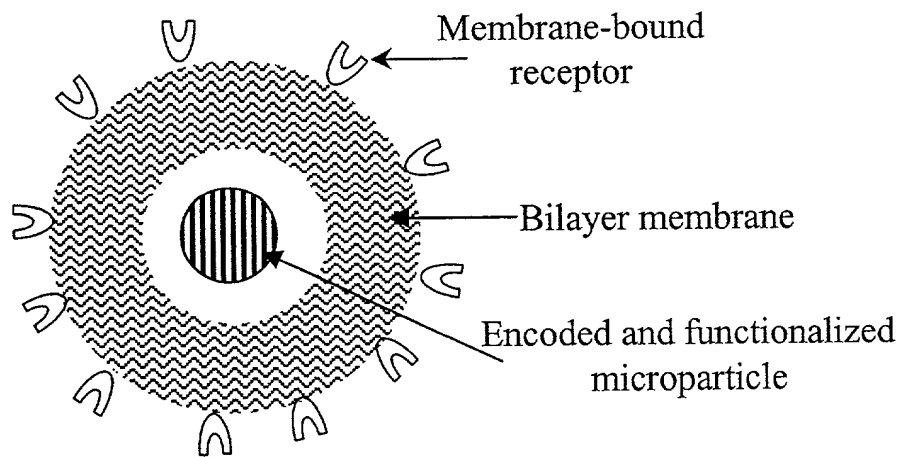
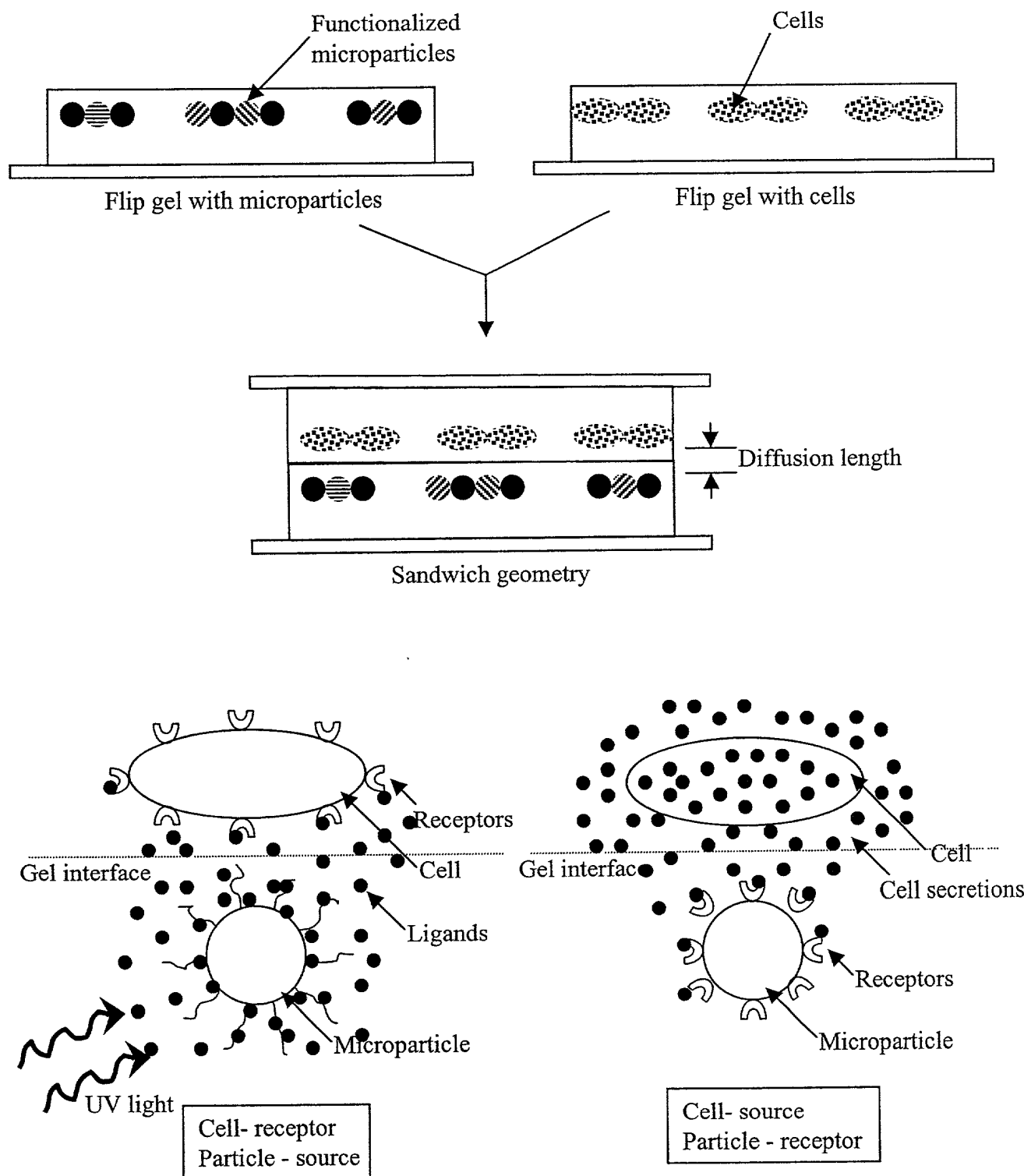


Fig. 17

Fig. 18



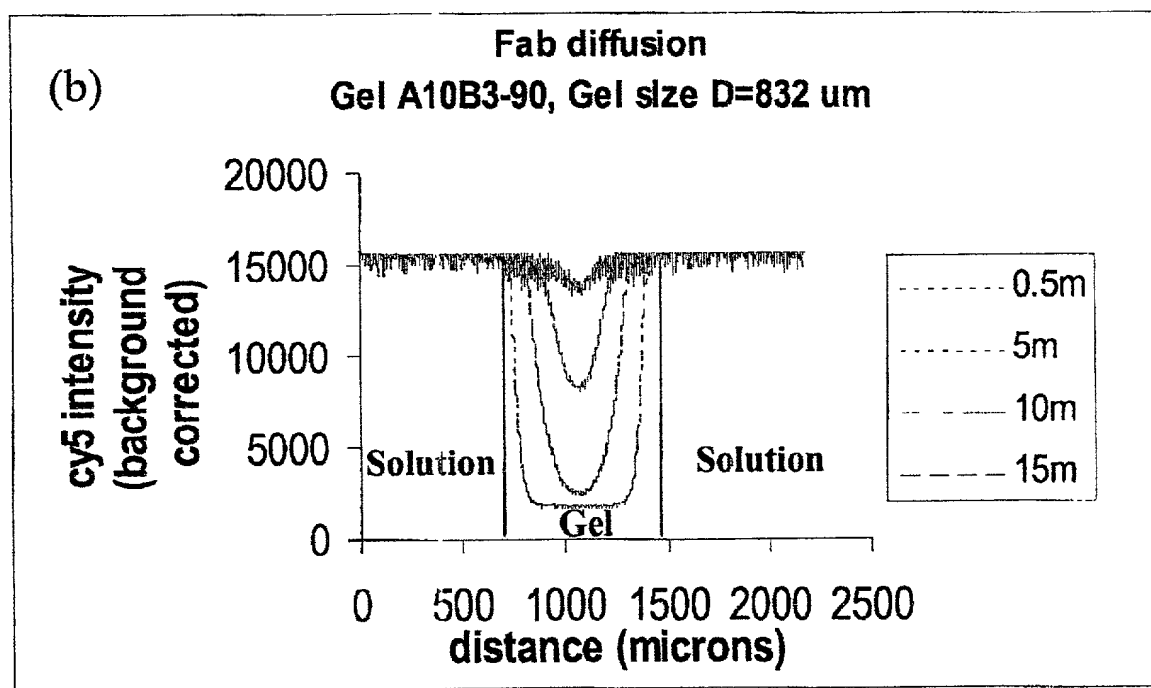
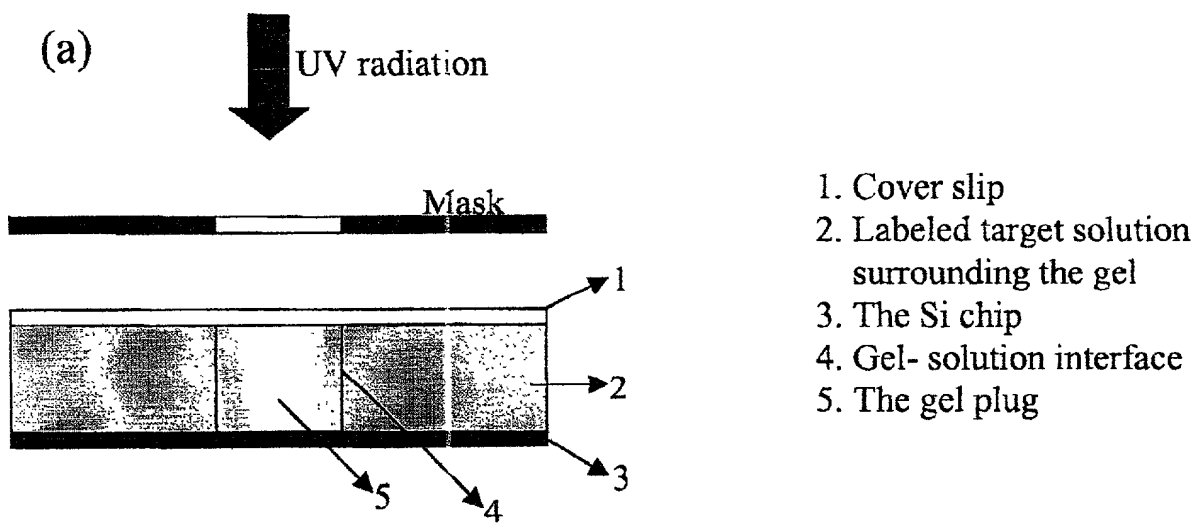


Fig. 19